

Dear Jim,

4/2/74

This is a note I've been intending to write since we got our hifi back (unrepaired but working). There is nobody locally I can consult on the possible technical information and I do not think it is worth your taking time to pursue. I write it because if and when you are at the shop of your local expert you might ask.

When you gave me the Craig, I positioned it close to our Zenith TV, which is on a built-in turnaround. The Craig rests on one of the hifi speakers. In turn, that is close to the hifi tuner.

When we turn the Zenith on while the Craig also is on, there comes a point at which the Zenith blocks all emission from the Craig. The Zenith is six years old, a tube TV set, not transistorized. The hifi is also a tube job.

When we turn the hifi on there is no influence on the Craig.

Something happened to the Zenith. It has been in the shop for several weeks. In its place I have an even older set that still works. When I turn it on and the Craig is also on, it has no influence on the Craig. It is as close to the Craig as the Zenith was.

Only the Zenith, which has been here and was the only TV we used, has this effect on the Craig.

There have been times when it appeared that in our absence someone had been in the house. Before I had cassette tape recorders, I kept a Concord by the phone. Once or twice when I returned I found it switched as could not happen by accident to a mode I never used, voice activation.

So, what I am wondering is this. We use the TV but little. It is permanently connected to the electric lines. All TVs have a back that hides the insides. And the insides are such that if something were added, even if he saw it a layman would not recognize that something new was added.

I realize there could be something different about the circuitry of the Zenith that causes it to transmit an impulse for this brief interval during its warming up period, and that this impulse might be able to block the performance of the Craig for the brief interval in which it is completely silent.

This as well as some special fixing could cause the Zenith alone of the sources of local impulses to block the Craig.

When I get the Zenith back, I will try other transistorized FM sets near the Zenith to see if they are influenced. I may have done this but do not remember. Incidentally, if it makes any difference, I use electricity only with the Craig. Probably same electrical circuit as the TV. The Craig is the only set I have with built-in automatic AFC. I have one that has this provision manually. It needs repair but it does function.

There may well be nothing to this and some simple thing of which I have no awareness may explain it fully, but it is a mysterious phenomenon and from time to time it has made me wonder about the possibility of a bug in it or the Zenith, both of which are permanent installations.

The separation between the bottom of the Zenith and the Craig is less than a foot. The distance between the erect aerial of the Craig and the closer side of the Zenith is much less, perhaps only six inches.

Best,